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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kendra J. Gallup, James Albert Matthews  
Assignee: Agilent Technologies, Inc.  
Title: Integrated Optics And Electronics  
Serial No.: 10/666,442 Filing Date: September 19, 2003  
Examiner: Jerome Jackson Jr. Group Art Unit: 2815  
Docket No.: 10030566-1

San Jose, California  
April 14, 2006

Mail Stop RCE  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

This is a response to the February 14, 2006 Final Office Action, which has a statutorily shortened period for response that ends on May 14, 2006. Please amend the above-identified application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 5 of this paper.